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(21)Application number: **07204163**(22)Date of filing: **10.08.95**(71)Applicant: **FUJITSU LTD**

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(54)EXCHANGING SYSTEM

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(57)Abstract:

PROBLEM TO BE SOLVED: To simplify control of a speech processor and an echo canceler in an exchanging system including the echo canceler and the speech processor.

SOLUTION: In the exchanging system connecting the echo canceler 1 and the speech processor 3 through an exchange 2, the speech processor 3 is provided with a mode setting signal generation part 4 controlling the start and the stop of the operation of band compression processing in accordance with a mode setting instruction instructing speech signal transmission or data transmission and sending the mode setting signal of a specified pattern by in-channel. The echo canceler 1 is provided with a mode setting signal detection part 5 separate- extracting the mode setting signal from the speech processor 3 and controlling the start and the stop of echo-canceling operation. A digital mobile communication system is constituted by including base station controllers 6, base stations 7 and a mobile terminal equipment 8.

